

Product datasheet for **SC314320**

ZNF493 (NM_175910) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF493 (NM_175910) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF493
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_175910, the custom clone sequence may differ by one or more nucleotides
 ATGAATGAGTGTAAATGTGCACAAAGAAGGTTATAATGAACTAAACCAGTATTTGACAACT
 ACCCAGAGCAAAATATTTCAATGTGATAAATATGTGAAAGTCTTTCATAAACTTTTAAAT
 TCAAAATAGACATAACACAAAACATACTGGAAAGAAACCTTTCAAATGTAAAAATGTGGC
 AAATCATTTTGCATGCTTTTACACCTATGTCAGCATAAAAAGAATTCATATTAGAGAGAAT
 TCTTACCGATGTGAAGAATGTGGCAAAGCCTTTATCTGGTTTTCAACCCTTACTAGACAC
 AGGAGAGTTCATACTGGAGAGAAAATCCTACAAATATGAATGTGGCAAATCTTTAAACCAG
 GACTCAAACCTTACTACACATAAGAGAATTCATACTGGACAGAAAACCTACAAATGTGAA
 GAATGTGGCACATCTTTCTACCAATTCTCATACTTACTAGGCATAAGCTAATTCATACT
 AGAGAGAAAACCTATAAATGTGAACAATATGGCAAACCTTTAAACCAATCTTCAACCCTT
 ACTGGACATAAGATAATTCATAATGGAGAAAAACCTATAAATGTGAAGAATGTGGCAA
 GCCTTTAGTATTTCTCAACCCCTACTAAACATAAGATAATTCACACTGAAGAGAAATCC
 CACAGATGTGAAGAATATTGCAAAGCTTATAAGGAGTCTCACACCTTACTACACATAAA
 AGAATTCATACTGGAGAGAAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTTAGTATT
 TTCTCAACCCCTTACTAAACATAAGATAATTCACACTGAAGAGAAATCCCACAGATGTGAA
 GAATGTGGCAAAGCTTATAAGGAGTCTTACACCTTACTACACATAAAAAGAATTCATACT
 GGAGAGAAAACCTACAAATGTGAAGAATGTGGCAAACCTTTAGTGTATTCTCAATTCTT
 ACTAAACATAAAAATTCATACAGAAGAGAAAACCTACAAATGTGAAGAATGTGGCAA
 GCTTTTAAACGATCTTCAACCCCTACTAAACATAAGGATAATTCATACTGAAGAGAAAACCC
 TACAAATGTGAAGAATGTGGCAAAGCTTTTAAACCAATCTTCAACCCCTTAGTATACATAAA
 ATAATTCATACTGGAGAAAAACCTACAAATGTGAAGAATGTGGCAAAGCTTTTAAACGA
 TCTTCAACCCCTTACTATACATAAAAATGATTCACACTGGAGAAAAACCTACAAATGTGAA
 GAATGTGGCAAAGCTTTTAAATCGGTCTCACACCTTACTACACATAAGAGAATTCATACT
 GGACACAAAACCTACAAATGTAAAGAATGTGGCAAATCCTTTAGTGTATTCTCAACCCCTT
 ACTAAACACAAGATAATTCATACTGATAAGAAAACCTACAAATGTGAAGAATGTGGCAA
 GCTTTTAAACGATCTTCAATCCTTAGTATACATAAGAAAATTCATACTGGAGAAAAACCC
 TACAAATGTGAAGAATGTGGCAAAGCTTTTAAAGCGTCTCACACCTCGCTGGGCACAAG
 CAAATTCATAGTACAAAAACCTACAAATGTGAAGAATGTGGCAAAGCCTTTAGTATA
 TTCTCAACCCCTTACTAAACATAAGATAATTCATACTGAAGAGAAAACCTACAAATGTGAA
 AAATGTGGCAAACCTTTCTACCGATTCTCAAACCTTAAATACGCATAAGATAATTCATACT
 GGAGAGAAAACCTTGCAAATGTGAAGAATGTGGCAAAGCTTTTAAACCATCCTCAAACCTT
 ATTAACATAAGCTAATTCATACTGGAGACAAAACCTACAAATGTGAAGCATGTGGCAA
 GCTTTTAGCGGTCTTACATCTTAGTAGACATAAGATAATTCATATTGGAATTCATACT
 GAAGAGACTGTACAAAAG

Restriction Sites: Please inquire

ACCN: NM_175910

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_175910.4](#), [NP_787106.3](#)

RefSeq Size: 4209 bp

RefSeq ORF: 1941 bp

Locus ID: 284443

UniProt ID: [Q6ZR52](#)

Cytogenetics: 19p12

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) lacks two exons resulting in use of a downstream start codon, compared to variant 3. It encodes isoform 1, which has a shorter and distinct N-terminus, compared to isoform 3. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.